NNABUKO, MIRACLE CHIDINMA.

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CORE COMPETENCIES

- HTML, CSS, Python, and AVR C/C++
- JavaScript
- Web development using Django
- Embedded Systems
- Application Monitoring (Dynatrace)
- Microsoft Azure
- SQL
- Linux
- Networking Configuration and Maintenance
- Systems Administration
- Git

EDUCATION

B. Eng in Electrical/ Electronic Engineering (Second Class Upper Division)   **2013 - 2018**
Federal University of Technology, Owerri – Nigeria.

RESEARCH EXPERIENCE/PROJECTS

Electrical and Electronics Engineering Lab, Federal University of Technology, Owerri.   **2018 - 2019**
Undergraduate Researcher
- Designed and implemented an embedded poultry farm
- Developed an algorithm to automatically regulate and maintain an optimum condition for broiler chicks using sensors
- Programed an Arduino microcontroller using AVR C/C++

Email Scheduling Application(https://mailschedulerbot.herokuapp.com)
- Developed an email scheduling application using Django

Event Registration Form (https://dynaeventregform.herokuapp.com)
- Developed an event registration form where users can register for an event using Django
- Generated a confirmation email with a unique event ID

PUBLICATION

Conference paper
L. Ezema, M. Nnabuko, C. Ben-Okpara, and H. Orah, "Design and implementation of an embedded poultry farm," IEEE 1st International Conference on Mechatronics, Automation and Cyber-Physical Computer Systems, 2019.
(PDF) Design and Implementation of an Embedded Poultry Farm (researchgate.net)

COMMUNITY INVOLVEMENT

Prime Africans Network, Abuja Nigeria   **2016 - Present**
Training Facilitator
- Organize career and leadership trainings for youths
- Coordinate community development projects

Nigeria Christian Corpers' Fellowship
Rural Rugged Outreach Participant
- Distributed clothing and food items to the rural community at Ibeju-Lekki
- Assisted in the counseling session

ADDITIONAL WORK EXPERIENCE

Nathan Claire Africa, Lagos   **2020-2022**
Technical Consultant
- Setup and configured Dynatrace APM for clients
- Carried out Dynatrace Integrations with Cloud Platforms (Azure, AWS, GCP) and third-party tools
- Trained clients on how to use the Dynatrace monitoring tool
- Developed Plugins with Python, Installed the plugins and provided technical support for clients

Sidmach Technologies Nigeria Limited, Lagos   **2019 - 2020**
Graduate Intern (NYSC)
- Configured and maintained network hardware and software, provided beneficial network advice and support to end-users, and tested installed systems
- Talked staff or clients through a series of actions, either face-to-face or over the phone, to help set up systems or resolve issues
- Troubleshoot system and network problems, diagnosed and solved hardware or software faults

Sidmach Technologies Nigeria Limited, Lagos   **2017 - 2018**
Student Intern
- Troubleshoot system and network problems, diagnosed and solved hardware or software faults
- Assisted in the network maintenance department to set up a wireless LAN for Lagos Water Corporation
- Configure and test computer software and smartpen

Aneez Technical and Electronic. Co. Ltd, Abia   **2015- 2016**
Student Intern
- Assisted in sales and technical operations;
- Participated in installations and troubleshooting of electronic devices;
- Constructed circuits (doorbell and power supply circuits).

SKILL HIGHLIGHTS
- Critical Reasoning and Analysis
- Strategic Planning and Organizing Skills
- Good Problem solving and Debugging Skills
- Effective Teamwork and Collaboration Skills
- Excellent Communication and Relationship Skills
- Attention to detail and High Teachability Index

AWARDS AND CERTIFICATIONS
• JavaScript Programming Foundations (Udacity)	2022
• Microsoft Azure Administrator	2021
▪ Dynatrace Associate	2020
▪ Graduate Member, The Nigerian Society of Engineers	2020
• Python for Data Science: Intermediate (Dataquest.io)	2019
▪ Award of Distinction, Christ Ambassadors Students' Outreach	2018
• Ambassador, Prime Africans Network	2018
▪ Certificate of Participation. (Capacity Development Training Workshop on Solar PV Installation). FUTO Consult Ltd.	2018
▪ Agbami Medical and Engineering Scholarship Award	2014

ACTIVITIES AND INTERESTS
- Reading
- Attending Seminars and Conferences
- Research
- Surfing the net

ONLINE PROFILES
- Linkedln: https://www.linkedin.com/in/miracle-nnabuko-0a3397131
- GitHub: MamaAfrica · GitHub

REFEREES
Available on request